GILA RIVER BASIN

09474000 GILA RIVER AT KELVIN, AZ

LOCATION.--Lat 33° 06'10", long 110° 58'33", in NE1/4NW1/4 sec. 12, T.4 S., R.13 E., Pinal County, Hydrologic Unit 15050100, on left bank at Kelvin, 500 ft downstream from Mineral Creek, 18 mi downstream from San Pedro River, and 19 mi upstream from Ashurst-Hayden Dam.

DRAINAGE AREA.--18,011 mi^2, of which 5,125 mi^2 is below Coolidge Dam.

PERIOD OF RECORD.--Jan. 1911 to current year.

REVISED RECORDS.--WSP 329: 1911. WSP 609: 1916(M). WSP 629: 1914–17. WSP 1119: 1913, 1915, 1917(M), 1921(M), 1922–23, 1927(M). WSP 1283: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,745.02 ft above sea level. Prior to June 15, 1914, and Dec. 1, 1914, to Aug. 31, 1915, nonrecording gages at several sites within 2 mi of present site at different datums. Sept. 1, 1915, to Sept. 30, 1963, water-stage recorder at site 900 ft downstream at datum 1.80 ft lower. Jan. 16, 1985, to June 1990, supplementary water-stage recorder at same site and datum.

REMARKS.-- Records fair, except estimated daily discharges, which are poor. Large diversions above station for irrigation, of which about 90 percent is above Coolidge Dam. About 82,000 acres irrigated, a considerable portion by pumping from ground water. Flow regulated by San Carlos Reservoir 49 mi upstream since Nov. 15, 1928. (See sta 09469000.) San Pedro River contributes major portion of unregulated inflow.

AVERAGE DISCHARGE (adjusted for storage in San Carlos Reservoir).--91 years, 520 ft^3/s, 376,700 acre-ft/yr; median of yearly mean discharges, 324 ft^3/s, 235,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--1911–28: Maximum discharge, about 132,000 ft^3/s Jan. 20, 1916, gage height, 19.5 ft, site and datum then in use, from rating curve extended above slope-area measurement at gage height, 16.2 ft for flood of Sept. 28, 1926; no flow Feb. 25, 1913.

1929–2000: Maximum discharge, 100,000 ft^3/s Oct. 2, 1983, gage height, 33.0 ft from floodmark, from rating curve extended above 12,000 ft^3/s on basis of peak discharge computed by step-backwater method at Hayden Railroad Bridge, 17.8 mi upstream, and by flood-routing; minimum daily, 0.0 ft^3/s Aug. 4, 2000.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Sept. 11.....	1045	*1,660	*6.57

Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e214	e26	8.1	139	95	254	e82	8.2	1.8	0.00	0.09	e1.5
2	225	e22	29	138	96	233	e68	8.2	2.3	0.02	0.00	e1.0
3	224	e18	171	139	96	229	e55	7.7	1.2	0.00	0.00	e0.50
4	243	e15	218	147	96	229	47	7.3	0.81	0.01	0.00	e0.12
5	255	e12	241	156	95	229	43	7.1	0.65	0.03	174	0.14
6	258	12	242	156	96	265	39	6.6	0.52	0.06	37	0.21
7	287	11	248	157	102	293	36	6.2	e0.45	0.00	71	0.20
8	278	10	253	157	104	333	33	5.7	e0.38	0.00	48	0.27
9	287	9.7	260	170	106	364	31	5.2	e0.31	0.09	137	9.9
10	273	9.4	261	181	104	364	30	4.8	e0.24	0.11	164	46
11	270	9.1	272	156	104	360	28	4.3	e0.17	0.09	124	524
12	237	8.8	276	130	104	363	26	4.0	0.14	0.05	127	90
13	221	8.5	209	122	103	353	25	3.5	0.10	0.01	102	22
14	220	8.1	166	120	101	352	24	3.0	0.09	0.03	74	20
15	215	8.0	142	119	100	359	23	2.6	0.10	0.09	69	54
16	213	7.9	138	118	99	368	23	2.2	0.05	0.08	69	94
17	214	7.8	185	116	94	314	22	1.9	0.04	0.08	82	121
18	211	7.7	222	109	98	269	22	1.5	0.04	0.08	69	78
19	214	7.6	225	e103	109	e269	21	1.1	0.04	0.07	28	73
20	217	7.4	229	e96	110	e258	20	0.87	0.02	0.02	15	73
21	212	7.3	229	e89	110	249	20	0.76	0.06	0.00	8.2	69
22	214	7.3	182	e82	109	248	19	0.69	0.05	0.00	6.8	42
23	216	7.2	148	e75	172	252	18	2.2	0.01	0.00	6.3	28
24	211	7.1	244	71	256	182	17	12	0.00	0.00	5.5	20
25	206	7.5	355	70	262	118	15	16	0.00	0.00	5.1	17
26	204	7.6	391	70	269	109	13	19	0.00	0.00	5.8	21
27	e142	7.5	399	74	276	104	12	20	0.00	0.00	4.8	26
28	e68	7.8	437	92	263	100	10	13	0.00	2.1	4.5	30
29	e51	7.9	408	94	---	100	9.1	7.4	0.00	33	4.4	61
30	e39	8.0	246	95	---	101	8.7	4.2	0.00	10	3.8	72
31	e31	---	152	96	---	102	---	2.2	---	2.4	e2.0	---
TOTAL	6370	301.2	7186.1	3637	3729	7723	839.8	189.42	9.57	48.41	1447.29	1594.84
MEAN	205.5	10.04	231.8	117.3	133.2	249.1	27.99	6.110	0.319	1.562	46.69	53.16
MAX	287	26	437	181	276	368	82	20	2.3	33	174	524
MIN	31	7.1	8.1	70	94	100	8.7	0.69	0.00	0.00	0.00	0.12
AC-FT	12630	597	14250	7210	7400	15320	1670	376	19	96	2870	3160

CAL YR 2001 TOTAL 131056.3 MEAN 359.1 MAX 880 MIN 7.1 AC-FT 260000
WTR YR 2002 TOTAL 33075.63 MEAN 90.62 MAX 524 MIN 0.00 AC-FT 65610

e Estimated

09474000 GILA RIVER AT KELVIN, AZ—CONTINUED

WATER-QUALITY RECORDS

LOCATION.--Water samples collected between Florence-Kelvin road bridge and Mineral Creek, and 700 ft. to 500 ft. upstream from gaging station.

PERIOD OF RECORD.--Dec. 1950 to Sept. 1994, Feb. 1996 to Feb. 1998, Sept. 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Oct. 1964 to Sept. 1976, Oct. 1996 to Feb. 1998.

WATER TEMPERATURE: Dec. 1950 to Sept. 1976, Oct. 1996 to Feb. 1998.

SUSPENDED-SEDIMENT DISCHARGE: Jan. 1958 to Sept. 1976.

REMARKS.--No inflow from Mineral Creek between sampling point and gaging station except during infrequent periods of heavy local rains. Unpublished daily specific conductance mesurements for period Decmeber 1950 to September 1964 available from District Office in Tucson, AZ.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
SEP 12...	1215	261	28	710	8.2	110	8.4	1300	38.5	26.2	37	210	53.0

Date	CALCIUM TOTAL RECOV-ERABLE (MG/L AS CA) (00916)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MAGNE-SIUM, TOTAL RECOV-ERABLE (MG/L AS MG) (00927)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)
SEP 12...	56.0	20.0	21.0	5.80	5	170	178	200	8	220	1.1	120	48

Date	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
SEP 12...	1.00	735	697	.40	.02	.03	<.020	.38	.05	15	E26k	E70k	<1

Date	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA) (01007)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BORON, TOTAL RECOV-ERABLE (UG/L AS B) (01022)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)
SEP 12...	<1	5	6	67.0	84.0	<1	<1	189	198	<.5	<.5	<1	<1

Date	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
SEP 12...	2	9	<2	1100	<2	<2	3	122	<.10	<.1	<1	3	<1

Date	SELE-NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	STRON-TIUM, TOTAL RECOV-ERABLE (UG/L AS SR) (01082)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	THAL-LIUM, TOTAL (UG/L AS TL) (01059)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
SEP 12...	<1	<1	<1	550	<2	<2	8	7	52	36.6

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
k -- Counts outside acceptable range

09474000 GILA RIVER AT KELVIN, AZ—CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
DEC													
05...	1305	240	61	720	10.7	99	8.4	1300	20.0	9.3	18	210	50.0
MAR													
19...	1330	419	23	715	10.3	106	8.5	1620	22.0	13.8	53	270	67.0
MAY													
21...	1215	.70	1.3	713	9.4	119	8.2	2310	24.0	23.3	310	530	132
AUG													
21...	1210	8.0	72	715	8.2	115	8.4	2110	33.5	28.7	86	330	82.0

Date	CALCIUM TOTAL RECOV-ERABLE (MG/L AS CA) (00916)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MAGNE-SIUM, TOTAL RECOV-ERABLE (MG/L AS MG) (00927)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)
DEC													
05...	57.0	20.0	22.0	6.10	5	180	188	222	4	230	1.1	120	113
MAR													
19...	68.0	24.0	26.0	6.10	6	220	213	235	12	280	1.2	170	36
MAY													
21...	126	49.0	49.0	8.40	5	290	225	264	5	360	1.3	420	4
AUG													
21...	92.0	30.0	32.0	9.10	7	300	243	279	8	390	1.3	220	70

Date	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)
DEC													
05...	1.04	765	721	E.70cl	.06	.08	.100	E.03cl	<5	E130k	370	<1	<1
MAR													
19...	1.31	960	896	.50	<.01	--	<.020	.05	6	<2k	E3k	<1	<1
MAY													
21...	2.04	1500	1400	<.20	.01	.01	<.020	<.02	11	E8k	E18k	<1	<1
AUG													
21...	1.70	1250	1180	.90	<.01	--	<.020	.25	19	E180k	--	<1	<1

Date	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA) (01007)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BORON, TOTAL RECOV-ERABLE (UG/L AS B) (01022)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)
DEC													
05...	4	5	48.0	90.0	<1	<1	194	201	<.5	<.5	<1	2	<2
MAR													
19...	4	4	63.0	80.0	<1	<1	244	250	<.5	<.5	<1	<1	<2
MAY													
21...	2	2	88.0	89.0	<1	<1	297	298	<.5	<.5	<1	<1	<2
AUG													
21...	8	10	140	170	<1	<1	327	334	<.5	<.5	<1	1	3

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SELE-NIUM, TOTAL (UG/L AS SE) (01147)
DEC													
05...	18	<2	2690	<2	3	2	509	<.10	<.1	1	5	<1	<1
MAR													
19...	8	<2	1030	<2	<2	6	162	<.10	<.1	1	2	2	1
MAY													
21...	<2	<2	35	<2	<2	639	634	<.10	<.1	1	1	<1	<1
AUG													
21...	11	<2	1790	<2	4	285	417	<.10	<.1	2	3	1	2

Date	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	STRON-TIUM, TOTAL RECOV-ERABLE (UG/L AS SR) (01082)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	THAL-LIUM, TOTAL (UG/L AS TL) (01059)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
DEC									
05...	<1	<1	570	<2	<2	3	12	141	91.4
MAR									
19...	<1	<1	720	<2	<2	15	5	41	46.4
MAY									
21...	<1	<1	1200	<2	<2	4	<2	16	.03
AUG									
21...	<1	<1	970	<2	<2	18	11	173	3.7

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
c -- See laboratory comment
k -- Counts outside acceptable range
l -- Sample lab preparation problem

09474000 GILA RIVER AT KELVIN, AZ—CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Water-quality measurements in the following table were made as part of the ADEQ Fixed-Station Network Program. The following analyses are quality-assurance samples processed during the 2002 sampling period and are defined in the introductory text section titled "Water-Quality Control Data".

Date	Time	Sample type	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
MAR													
19...	1335	2	5.6	2	17.6	.03	<.03	<.1	<.20	<.01	<.020	<.02	<3

Date	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
MAR										
19...	<.5	<1	<.5	<1	<2	<2	<2	<1	<1	3

Remark codes used in this report:
< -- Less than